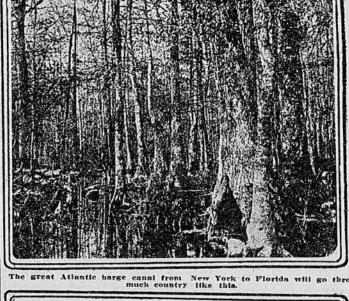
## HOW UNCLE SAM PLANS TO REDUCE THE COST OF LIVING

Inland Waterways Will Be Used to Cheapen Freight Rates. Our Mighty Water Supply. What the Rainfall Means. The Run-off, the Cut-off and the Fly-off-Where the Rains Go-Our Underground Reservoir-Ship Canals for Everywhere-What Railway Freights Cost the Consumer-One Hun-









or it under the surface of the earth that it has been estimated that if it were equally distributed it would wrap around our globe an envelope of water ninety-six feet in thickness. McGe estimates that the amount of water which lies under the United States to a depth of 100 feet would, if it could be raised to the surface and held there, cover our whole country to a depth of seventeen feet. He estimates that it contains 11.000 cubic miles of water, or enough to build a rainpart of fee two miles wide and five miles high through the Mississippi Valley from St. Paul to St. Louis and on to New Orleans.

This underground water runs from the surface, as in the case of swamps and marshes, to hundreds of feet, and even a thousand feet, below the surface. All the cracks and openings of the rocks are filled with water, and there are porous rocks which take up water like a sponge. In these about one-fifth of the whole volume is supposed to be stored. It is this water which feeds our artesian wells and other wells. It is this that feeds the plants in great degree, and this that furnishes the larger part of our table; pply In some places this water is pumped up and used for irrigation and in others it flows on being tapped, and altogether it is very valuable. Congress will be asked not only to conserve the forests that they may act as a sponge to ret. in this underground water, but to hold it back in other ways.

Regulating the Rivers.

These schemes of Uncle Sam for con-

Regulating the Rivers.

These schemes of Uncle Sam for controlling the water supply embrace the whole United States. They provide for the regulation of the flow of the rivers and of standardizing them. They provide for great reservoirs along the Mississippi, Ohio and Missouri. They treat of drainage and irrigation and of the development of our water power. They also clude the making, by means of canals, of a great system of interior water transportation, which shall supplement our railways and reduce freight rates to the merchant and duce freight rates to the merchant an duce freight rates to the merchant and the consumer. According to Dr. Mc-Gee, the scheme means an annual sav-ing in transportation charges alone of more than three-quarters r' a million dollars for every day of the year, an annual saving in flood damages of \$150,000,000 per annum, and a saving in the washing away of our soils rg

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to a tax of \$5.25 upon every acre, and.

comparing it with our population, in

is equal to \$30 per year for every man,

month, Suppose you should receive

bill every month of \$2.50 from the

woman and child in the Union. Thirty dollars a year is \$2.50

average cost of living the United States over is not more than \$450 per family, so that one-third of our living cost goes to the railroads.

Water Freights vs. the Railroads. These are figures given me by Dr. McGee. He tells me, moreover, that the cost of water transportation is, on the average, only about one-fourth that of rail transportation, and that the greater part of the heavy fright might be taken by water, leaving to the railroads the lighter freight, for which higher prices are paid, and which is by far the more profitable. As it is now, the railroads have more than they can carry, and it is believed that this system of canals would so increase the traffic that the railroads would still have all and more than they could do. Their business would pay better and the dividends would be correspondingly increased. It is the idea that the railways and waterways might co-operate here as they do in Europe, and that togeth they would work not only to the advantage of the companies owning them, but to that of the consumer. Both would be under an interstate commission, as their business is between the States.

There are some railway men who look upon such a combination as one of the necessities of the future. Among those who have the broadest views is James J. Hill. He says that railroad transportation cannot be performed at much less than one-half cent a ton penile. The rates on iron ore on the Great Lakes are about 1 mill per ton per mile, while the same ore carried by railroads costs ten times as much. Uncle Sam's River and Harbor Projects.

As it is now, the government spending tens of millions of dollars spending tens of millions of dollars a year on rivers and harbors, and a great part of this is political graft. The money goes to the improvement of creeks and other waterways which have no commercial importance, and it is really an appropriation bill for the benefit of the representatives in their individual districts. The amount appropriated last year was a little more than \$11,000,000.

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